



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: David Duhl et al.

Filing Date: June 22, 2000

For: **HUMAN CHROMOSOME 16 PLASMOLIPIN-LIKE POLYPEPTIDE**

Examiner: Sandra Wegert

Art Unit: 1642

Docket: PP-01568.002/59516-159

Date: November 4, 2002

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Commissioner for Patents  
Washington, DC 20231

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STATEMENT UNDER 37 C.F.R. §1.821

Sir:

I hereby state that the content of the paper and computer-readable copies of the Sequence Listing, submitted in accordance with 37 C.F.R. §1.821, are the same.

Respectfully submitted,

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Facsimile (206) 628-7699



Untitled.ST25.txt  
SEQUENCE LISTING

RECEIVED  
NOV 12 2002  
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<110> Duhl, David  
Gorman, Susan W

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<130> PP-01568.002/59516-159

<140> US 09/602,597

<141> 2000-06-22

<160> 12

<170> PatentIn version 3.1

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Tyr Asp Pro Arg Ser Leu Tyr Glu Arg Leu Gln Glu Gln Lys Asp Arg  
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Lys Gln Gln Glu Tyr Glu Glu Gln Phe Lys Phe Lys Asn Met Val Arg  
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Gly Leu Asp Glu Asp Glu Thr Asn Phe Leu Asp Glu Val Ser Arg Gln  
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Gln Glu Leu Ile Glu Lys Gln Arg Arg Glu Glu Glu Leu Lys Glu Leu  
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180 185 190

Thr Ser Leu Ser Gly Pro Ser Ile His Cys Pro Ser Ala Ala Val Cys  
195 200 205

Ile Gly Ile Leu Pro Gly Leu Gly Ala Tyr Ser Gly Ser Ser Asp Ser  
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ctg att gcg gac acc ccg tac cac	ctg tat ccg gcc tat ggc tgg gtg	307	
Leu Ile Ala Asp Thr Pro Tyr His	Leu Tyr Pro Ala Tyr Gly Trp Val		
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Leu Tyr Leu Phe Gln Leu His Met	Lys Leu Tyr Met Val Pro Trp Pro		
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Arg Pro Thr Ala Leu Met Ser Ser Thr Val Ala Ala Ala Ala Pro Ala  
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Ala Gly Ala Ala Ser Arg Lys Glu Ser Pro Gly Arg Trp Gly Leu Gly  
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Glu Asp Pro Thr Gly Val Ser Pro Ser Leu Gln Cys Arg Val Cys Gly  
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Thr	Gly	Phe	Phe	Lys	Arg	Ser	Val	Arg	Arg	Arg	Leu	Ile	Tyr	Arg	Cys	
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cag	gtg	ggg	gca	ggg	atg	tgc	ccc	gtg	gac	aag	gcc	cac	cgc	aac	cag	463
Gln	Val	Gly	Ala	Gly	Met	Cys	Pro	Val	Asp	Lys	Ala	His	Arg	Asn	Gln	
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Asn Gly Cys Thr Gly Phe Phe Lys Arg Ser Val Arg Arg Arg Leu Ile  
65 70 75 80

Tyr Arg Cys Gln Val Gly Ala Gly Met Cys Pro Val Asp Lys Ala His  
85 90 95

Arg Asn Gln Cys Gln Ala Cys Arg Leu Lys Lys Cys Leu Gln Ala Gly  
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115 120 125

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Thr Pro Met Ser Ala Ala Arg Ala Leu Gly His His Phe Met Ala Ser  
165 170 175

Leu Ile Thr Ala Glu Thr Cys Ala Lys Leu Glu Pro Glu Asp Ala Asp  
180 185 190

Glu Asn Ile Asp Val Thr Ser Asn Asp Pro Glu Phe Pro Ser Ser Pro  
195 200 205

Tyr Ser Ser Ser Ser Pro Cys Gly Leu Asp Ser Ile His Glu Thr Ser  
210 215 220

Ala Arg Leu Leu Phe Met Ala Val Lys Trp Ala Lys Asn Leu Pro Val  
225 230 235 240

Phe Ser Ser Leu Pro Phe Arg Asp Gln Val Pro Thr Gly Leu Pro Ala  
245 250 255

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Gly Glu Leu Gly Trp Ala Gly Val Arg Arg Pro Thr Arg Val Asn Gln  
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Thr Gly His Thr His Pro His Ala Ser Met Asn Ala His Ser Leu Asp  
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gccacttctg tcacctctg gtggagccct cagaacatca gcctgccag tgccgccagc 600
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Met Cys Glu Leu Lys Arg Asp Leu Gln Leu Leu Ser Gln Phe Leu Lys
1 5 10 15
cat ccc cag aag gcc tca agg agg ccc tcg gct gcc ccc gcc agc cag 753
His Pro Gln Lys Ala Ser Arg Arg Pro Ser Ala Ala Pro Ala Ser Gln
20 25 30
cag ttg cag agc ctg gag tcg aaa ctg acc tct gtg aga ttc atg ggg 801
Gln Leu Gln Ser Leu Glu Ser Lys Leu Thr Ser Val Arg Phe Met Gly
35 40 45
gac atg gtg tcc ttc gag gag gac cgg atc aac gcc acg gtg tgg aag 849
Asp Met Val Ser Phe Glu Glu Asp Arg Ile Asn Ala Thr Val Trp Lys
50 55 60
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Leu Gln Pro Thr Ala Gly Leu Gln Asp Leu His Ile His Ser Arg Gln
65 70 75 80
gag gag gag cag agc gag atc atg gag tac tcg gtg ctg ctg cct cga 945
Glu Glu Glu Gln Ser Glu Ile Met Glu Tyr Ser Val Leu Leu Pro Arg
85 90 95
aca ctc ttc cag agg acg aaa ggc cgg agg ggg gag gct gag aag aga 993
Thr Leu Phe Gln Arg Thr Lys Gly Arg Arg Gly Glu Ala Glu Lys Arg
100 105 110
ctc ctc ctg gtg gac ttc agc agc caa gcc ctg ttc cag gac aag aat 1041
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cag cta cag ccg aag aat gtg act ctg caa tgt gtg ttc tgg gtt gaa Gln Leu Gln Pro Lys Asn Val Thr Leu Gln Cys Val Phe Trp Val Glu 165 170 175	1185
gac ccc aca ttg agc agc ccg ggg cat tgg agc agt gct ggg tgt gag Asp Pro Thr Leu Ser Ser Pro Gly His Trp Ser Ser Ala Gly Cys Glu 180 185 190	1233
acc gtc agg aga gaa acc caa aca tcc tgc ttc tgc aac cac ttg acc Thr Val Arg Arg Glu Thr Gln Thr Ser Cys Phe Cys Asn His Leu Thr 195 200 205	1281
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aag cac tac ctg agc ctc ctc tcc tac gtg ggc tgt gtc gtc tct gcc Lys His Tyr Leu Ser Leu Leu Ser Tyr Val Gly Cys Val Val Ser Ala 225 230 235 240	1377
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ttc ctg ctg gac acg agc ttc ctg ctc agc gag ccg gtg gcc ctg aca Phe Leu Leu Asp Thr Ser Phe Leu Leu Ser Glu Pro Val Ala Leu Thr 275 280 285	1521
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cga ctc gtg gtg gag gtc ttt ggc acc tat gtc cct ggc tac cta ctc Arg Leu Val Val Glu Val Phe Gly Thr Tyr Val Pro Gly Tyr Leu Leu 325 330 335	1665
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gac tcc ctg gtc agc tac atc acc aac ctg ggc ctc ttc agc ctg gtg Asp Ser Leu Val Ser Tyr Ile Thr Asn Leu Gly Leu Phe Ser Leu Val 385 390 395 400	1857
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cgg ctg cgc ccc cac acc caa aag tgg tca cat gtg ctg aca ctg ctg Arg Leu Arg Pro His Thr Gln Lys Trp Ser His Val Leu Thr Leu Leu 420 425 430	1953
ggc ctc agc ctg gtc ctt ggc ctg ccc tgg gcc ttg atc ttc ttc tcc Gly Leu Ser Leu Val Leu Gly Leu Pro Trp Ala Leu Ile Phe Phe Ser 435 440 445	2001
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cgg ctg cag gcc cgg ggt ggc ccc tcc cct ctg aag agc aac tca gac Arg Leu Gln Ala Arg Gly Gly Pro Ser Pro Leu Lys Ser Asn Ser Asp 485 490 495	2145
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Gln Leu Gln Ser Leu Glu Ser Lys Leu Thr Ser Val Arg Phe Met Gly  
 35 40 45

Asp Met Val Ser Phe Glu Glu Asp Arg Ile Asn Ala Thr Val Trp Lys  
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Leu Gln Pro Thr Ala Gly Leu Gln Asp Leu His Ile His Ser Arg Gln  
 65 70 75 80

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Glu Glu Glu Gln Ser Glu Ile Met Glu Tyr Ser Val Leu Leu Pro Arg  
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Thr Leu Phe Gln Arg Thr Lys Gly Arg Arg Gly Glu Ala Glu Lys Arg  
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Leu Leu Leu Val Asp Phe Ser Ser Gln Ala Leu Phe Gln Asp Lys Asn  
115 120 125

Ser Ser His Val Leu Gly Glu Lys Val Leu Gly Ile Val Val Gln Asn  
130 135 140

Thr Lys Val Ala Asn Leu Thr Glu Pro Val Val Leu Thr Phe Gln His  
145 150 155 160

Gln Leu Gln Pro Lys Asn Val Thr Leu Gln Cys Val Phe Trp Val Glu  
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Asp Pro Thr Leu Ser Ser Pro Gly His Trp Ser Ser Ala Gly Cys Glu  
180 185 190

Thr Val Arg Arg Glu Thr Gln Thr Ser Cys Phe Cys Asn His Leu Thr  
195 200 205

Tyr Phe Ala Val Leu Met Val Ser Ser Val Glu Val Asp Ala Val His  
210 215 220

Lys His Tyr Leu Ser Leu Leu Ser Tyr Val Gly Cys Val Val Ser Ala  
225 230 235 240

Leu Ala Cys Leu Val Thr Ile Ala Ala Tyr Leu Cys Ser Arg Arg Lys  
245 250 255

Pro Arg Asp Tyr Thr Ile Lys Val His Met Asn Leu Leu Leu Ala Val  
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Phe Leu Leu Asp Thr Ser Phe Leu Leu Ser Glu Pro Val Ala Leu Thr  
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Gly Ser Glu Ala Gly Cys Arg Ala Ser Ala Ile Phe Leu His Phe Ser  
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Leu Leu Thr Cys Leu Ser Trp Met Gly Leu Glu Gly Tyr Asn Leu Tyr

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Lys	Leu	Ser	Ala	Met	Gly	Trp	Gly	Phe	Pro	Ile	Phe	Leu	Val	Thr	Leu
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Val	Ala	Leu	Val	Asp	Val	Asp	Asn	Tyr	Gly	Pro	Ile	Ile	Leu	Ala	Val
		355					360					365			
His	Arg	Thr	Pro	Glu	Gly	Val	Ile	Tyr	Pro	Ser	Met	Cys	Trp	Ile	Arg
	370					375					380				
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Phe	Leu	Phe	Asn	Met	Ala	Met	Leu	Ala	Thr	Met	Val	Val	Gln	Ile	Leu
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Arg	Leu	Arg	Pro	His	Thr	Gln	Lys	Trp	Ser	His	Val	Leu	Thr	Leu	Leu
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Arg	Leu	Gln	Ala	Arg	Gly	Gly	Pro	Ser	Pro	Leu	Lys	Ser	Asn	Ser	Asp
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